HABITATION | LEISURE | PRODUCTION

Revitalisation of Stegny plattenbau housing estate in Warsaw

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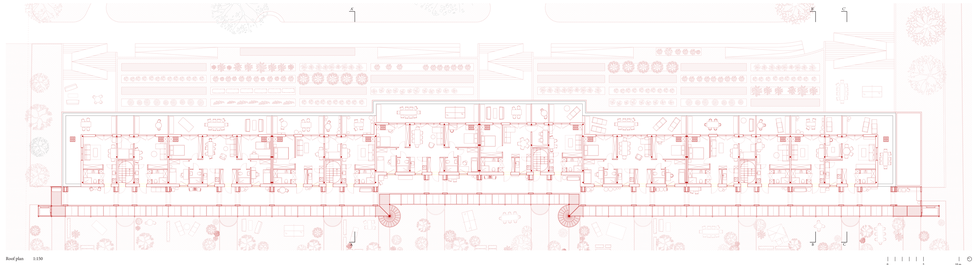
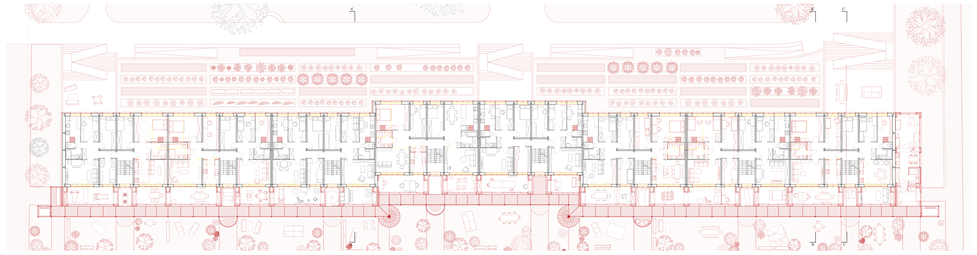
Master Architecture Project, EPFL 2023

Estate plan 1:5000

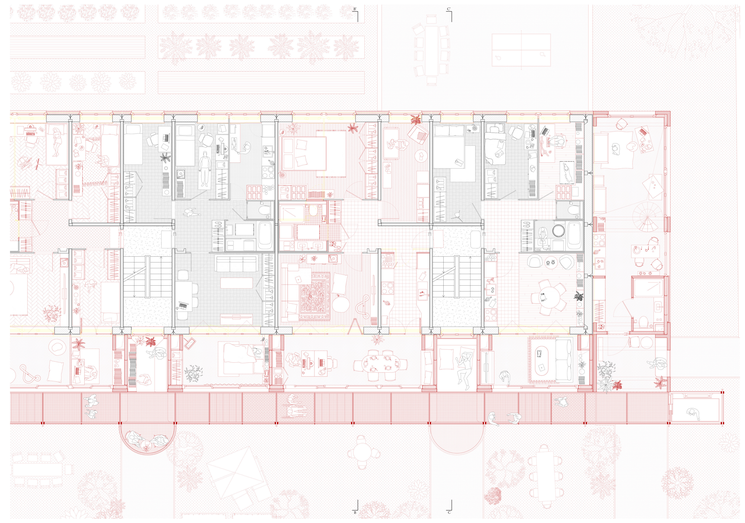
Current state of Stegny housing estate



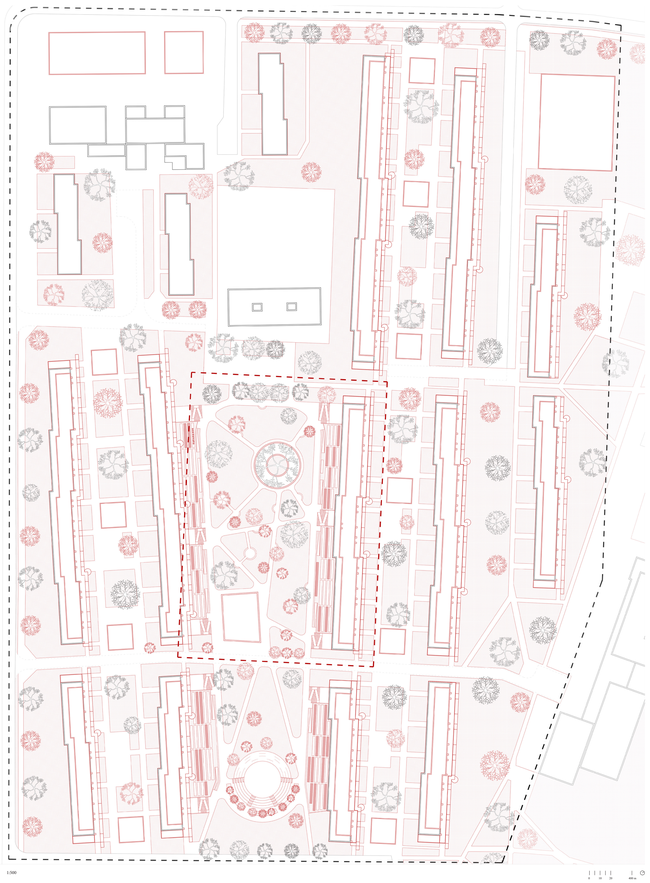
Roof plan 1:150



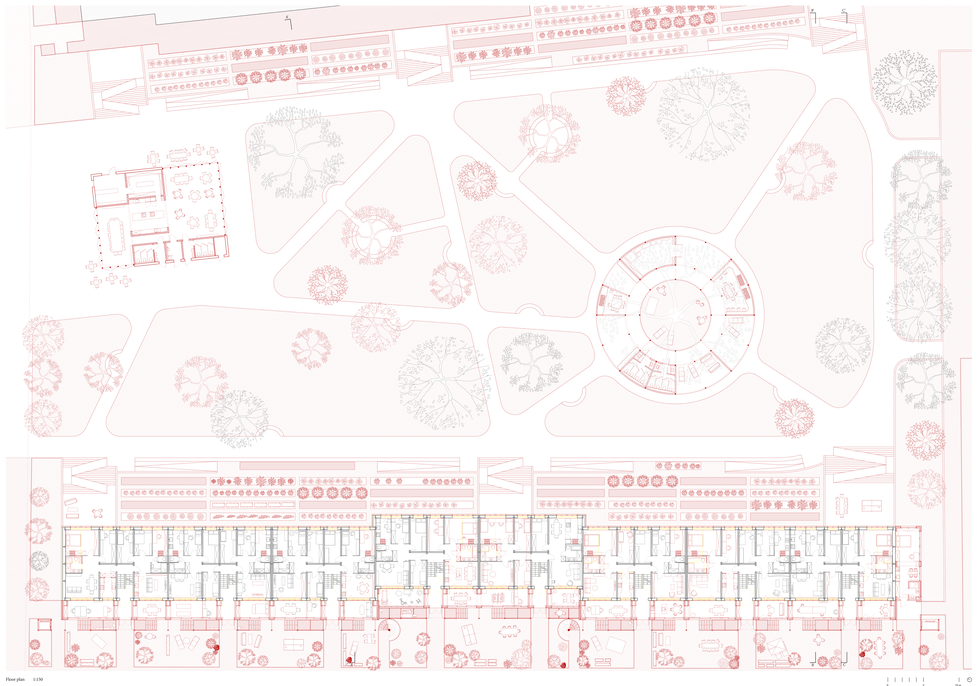
Floor plan 1:150



Detailed floor plan 1:50

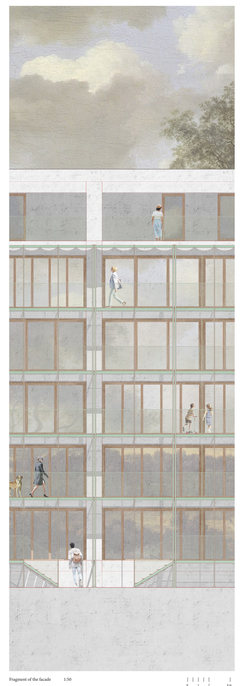


Site plan 1:500



Floor plan 1:150

Section B-B' 1:50

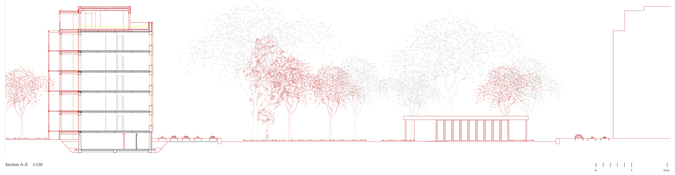


Fragment of the facade 1:50

F1	concrete	100 mm	F5	concrete panels	40 mm
	polyethylene foil			waterproofing x2	220 mm
	insulation	50 mm		vapour barrier	130 mm
	waterproofing			reinforced concrete	
	lightweight concrete	50 mm	F6	raised floor	210 mm
	compacted earth	200 mm		insulation	40 mm
				polyethylene foil	
F2	finishing layer	20 mm		lightweight concrete	40 mm
	lightweight concrete	40 mm		prefabricated concrete	140 mm
	polyethylene foil			finishing layer	15 mm
	insulation	30 mm			
	reinforced concrete	200 mm	F7	concrete panels	30 mm
	finishing layer	15 mm		gravel	50 mm
				waterproofing x2	
F3	concrete	40 mm		insulation	220 mm
	polyethylene foil			vapour barrier	
	insulation	30 mm		lightweight concrete	40 mm
	reinforced concrete	200 mm		prefabricated concrete	140 mm
	insulation	220 mm		finishing layer	15 mm
F4	concrete	40 mm	F8	gravel	100 - 140 mm
	polyethylene foil			waterproofing x2	
	insulation	30 mm		insulation	50 - 90 mm
	reinforced concrete	200 mm		metal sheeting	
				insulation	220 mm
				polyethylene foil	
				plasterboard	25 mm

View of the entrance

View of the façade



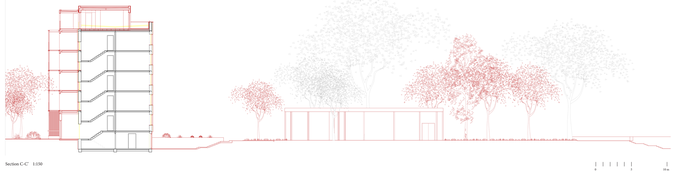
Section A-A' 1:150

North-east façade 1:150

View of the gallery

View of the extension

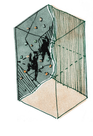
View of the production garden



Section C-C' 1:150

South-west façade 1:150

Activity niche 1



Activity niche 2

Activity niche 3

Activity niche 4

Activity niche 5